

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60399	SERIAL NO. 10/565,048
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> (Use several sheets if necessary)		APPLICANT Belmonte, et al.	
		FILING DATE 17 January 2006	GROUP 1625

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/D.G./	6,455,527	24 Sep 02	Tulshian, et al.			
↓	6,262,066	17 Jul 01	Tulshian, et al.			
↓	6,248,752	19 Jun 01	Smith			
↓	6,350,758	26 Feb 02	Kozikowski, et al.			
↓	2,800,481	23 Jul 57	Zirkle, et al.			
↓	2,800,478	23 Jul 57	Zirkle, et al.			
↓	6,750,226	15 June 04	Forner, et al.			
↓	5,780,466	14 July 98	Emonds-Alt, et al.			
↓	5,860,419	19 Jan 99	Davies, et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/D.G./	87/05213	11 Sep 87	WIPO				
↓	2242134	25 Sep 91	GB				
↓	2178965	25 Feb 87	GB				
↓	2129691	23 May 84	GB				

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

/D.G./	Brown, <i>History and Basic Properties</i> , Humana Press, USA pgs 7-9 (1989)
↓	Costello, et al., <i>American Journal of Physiology</i> , Vol. 276 (5) pgs L709-L714 (1999)
↓	Hedge, et al., <i>Life Sciences</i> , Vol. 64 (6/7) pgs 419-428 (1999)
↓	Ikeda, et al., <i>Naunyn-Schmiedeberg's Arch Pharmacol.</i> , Vol. 366, pages 97-103, (2002)
↓	Minette, et al., <i>Journal of Applied Physiology</i> , Vol. 67(6) pgs 2461-2465 (1989)
↓	Oprins, et al., <i>Annals of the New York Academy of Sciences</i> , Vol. 915 pgs. 102-106 (2000)
↓	Ran, et al., <i>Yaoxue Xuebao</i> , Vol. 19 (5) pgs 361-366 (1984) ABSTRACT only
↓	Sarau, <i>Mol. Pharmacol.</i> , Vol. 56 (3) pg 657-63 (1999)
↓	Van Rossum, et al., <i>Arch. Int. Pharmacodyn.</i> , Vol. 143 pg299 (1963) Best Available Copy

EXAMINER

/David Gallis/

DATE CONSIDERED

11/29/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60399	SERIAL NO. 10/565,048
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Belamonte, et al.	
		FILING DATE 17 January 2006	GROUP 1625

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/D.G./	5,873,360	23 Feb 99	Davies, et al.			
/D.G./	5,590,645	7 Jan 97	Davies, et al.			
/D.G./	3,634,852	11 Jan 72	Hartley, et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/D.G./	2169265	9 Jul 86	GB				
/D.G./	2064336	17 Jun 81	GB				
/D.G./	0069715	10 Jun 82	EP				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/D.G./	Wu, et al., <i>Zhongguo Yaowu Huazue Zazhi</i> , Vol. 3 (1) pgs 23-26 (1993) ABSTRACT only
	Zirkle, et al., <i>J Med Chem</i> , Vol. 27 pgs 1269-1279 (1962)
	Zirkle, et al., <i>J Med Chem</i> , Vol. 27 pgs 1279-1285 (1962)
	Zirkle, et al., <i>J Med Chem</i> , Vol. 5 pgs 341-356 (1962)
↓	Zhang, et al., <i>J Med Chem</i> , Vol. 44 pgs 3937-3945 (2001)

EXAMINER  /David Gallis/	DATE CONSIDERED 11/29/2007
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60399	SERIAL NO. 10/565,048
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Belmonte, et al.	
		FILING DATE 17 January 2006	GROUP 1625

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/D.G./	7,232,841	19 Jun 07	Busch-Petersen, et al.			
	7,276,521	2 Oct 07	Busch-Petersen, et al.			
	2005/0277676	15 Dec 05	Laine, et al.			
	2007/0185155	9 Aug 07	Laine, et al.			
	2007/0249664	25 Oct 07	Laine, et al.			
	2007/0185148	9 Aug 07	Busch-Petersen, et al.			
	2007/0185090	9 Aug 07	Busch-Petersen, et al.			
	2007/0185088	9 Aug 07	Busch-Petersen, et al.			
	2007/0179184	2 Aug 07	Busch-Petersen, et al.			
	2007/0179180	2 Aug 07	Busch-Petersen, et al.			
	2006/0178395	10 Aug 06	Belmonte, et al.			
	2006/0160844	20 Jul 06	Belmonte, et al.			
	2007/0135478	14 Jun 07	Palovich, et al.,			
	2007/0129396	7 Jun 07	Wan, et al.,			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/D.G./	2004/012684	12 Feb 04	WIPO				
	2006/050239	11 May 06	WIPO				
	2006/055553	26 May 06	WIPO				
	2006/055503	26 May 06	WIPO				
	2006/062883	15 Jun 06	WIPO				
	2006/062931	15 Jun 06	WIPO				
	2006/065755	22 Jun 06	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/David Gallis/	DATE CONSIDERED 11/29/2007

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60399	SERIAL NO. 10/565,048
<b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b> <i>(Use several sheets if necessary)</i>		APPLICANT Belamonte, et al.	
		FILING DATE 17 January 2006	GROUP 1625

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/D.G./	2007/0149598	28 Jun 07	Busch-Petersen, et al.			
↓	2007/0173646	26 Jul 07	Laine, et al.			
	2007/0232599	4 Oct 07	Palovich, et al.			
			Laine, et al. USSN 10/585830			12 Jul 06
			Budzik, et al. USSN 10/598743			11 Sep 06
			Jin, et al. USSN 10/598750			11 Sep 06
			Laine, et al. USSN 10/599717			06 Oct 06
			Cooper, et al. USSN 11/570981			20 Dec 06
			Busch-Petersen, et al. USSN 11/573097			02 Feb 07
			Busch-Petersen, et al. USSN 11/573099			2 Feb 07
			Busch-Petersen, et al. USSN 11/766318			21 Jun 07
			Busch-Petersen, et al. USSN 11/766371			21 Jun 07
↓			Wan, et al., USSN 11/774885			01 May 06

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/D.G./	2006/065788	22 Jun 06	WIPO				
↓	2007/018514	15 Feb 07	WIPO				
	2007/018508	15 Feb 07	WIPO				
	2007/016650	8 Feb 07	WIPO				
	2007/016639	8 Feb 07	WIPO				
↓	2007/022351	22 Feb 07	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	/David Gallis/	DATE CONSIDERED 11/29/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTY. DOCKET NO. PU60399	INTERNATIONAL APPLICATION NO. PCT/US2004/023041 <b>10/565048</b>
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>		APPLICANT Belmonte, et al	
		INT FILING DATE 16 July 2004	GROUP

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
/D.G./	2,800,478	23 July 1957	Zirkle			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/D.G./	Database CAOLD on STN, No. CA 58:4510b. '3-substituted tropane derivatives-(III) 3-substituted tropane carbinol, alkenes, and alkanes', Abstract Zirkle et al., Vol 58 1963
EXAMINER  /David Gallis/	DATE CONSIDERED  11/29/2007
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	